

Rabbit GAD67 Polyclonal Antibody | anti-GAD67 antibody

GAD67 Antibody

CATALOG # AAA225133	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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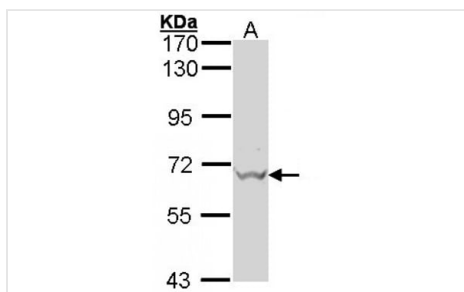
PRODUCT SYNONYMS

GAD67; Polyclonal Antibody; GAD67 Antibody; Affinity Purified Rabbit Polyclonal GAD67 Antibody; Polyclonal GAD67 antibody; Anti-GAD67 antibody; GAD1 antibody; FLJ45882 antibody; GAD-67; GAD-67 antibody; glutamate decarboxylase 1 antibody; glutamate decarboxylase 67 kDa isoform antibody; GAD 67; GAD 67 antibody; SCP antibody; GAD antibody; anti-GAD67 antibody

PRODUCT SPECIFICATIONS

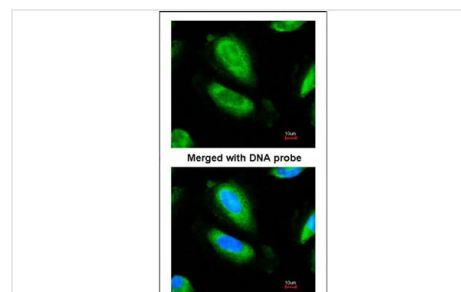
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 1X PBS, 40% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	594
Applicable Applications for anti-GAD67 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	GAD67 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 5 and 216 of GAD67
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



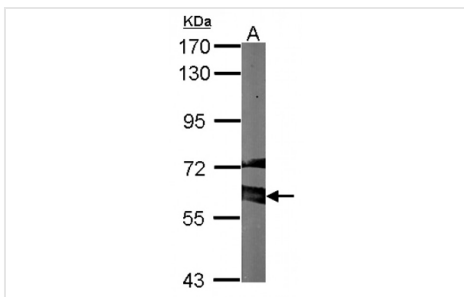
WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Hep G2) using a 7.5% SDS PAGE gel and GAD67 antibody at a dilution of 1:500



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using GAD67 antibody at 1:200 dilution.



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A:NIH-3T3) using a 7.5% SDS PAGE gel and GAD67 antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-GAD67 antibody	This gene encodes one of several forms of glutamic acid decarboxylase, identified as a major autoantigen in insulin-dependent diabetes. The enzyme encoded is responsible for catalyzing the production of gamma-aminobutyric acid from L-glutamic acid. A pathogenic role for this enzyme has been identified in the human pancreas since it has been identified as an autoantigen and an autoreactive T cell target in insulin-dependent diabetes. This gene may also play a role in the stiff man syndrome. Deficiency in this enzyme has been shown to lead to pyridoxine dependency with seizures.
Product Categories/Family for anti-GAD67 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	385451
NCBI GeneID	2571
Molecular Weight	67 kDa
NCBI Official Full Name	glutamic acid decarboxylase 67 kda form
NCBI Official Synonym Full Names	glutamate decarboxylase 1
NCBI Official Symbol	GAD1
NCBI Official Synonym Symbols	GAD; SCP; CPSQ1
NCBI Protein Information	glutamate decarboxylase 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gad67-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/225133>